## 10/589833

# IAP11 Rec'd PCT/PTO 17 AUG 2006 PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Norman Matheson LINDSAY

Serial no.

:

Filed :

with an effective filing date of February 18, 2005 METHODS AND SYSTEMS USING

PREDICTION OF OUTCOME FOR LAUNCHED

**OBJECTS** 

**Group Art Unit** 

Examiner

Docket

**COLGRA P67AUS** 

The Commissioner for Patents U.S. Patent & Trademark Office P. O. Box 1450 Alexandria, VA 22313-1450

#### INFORMATION DISCLOSURE STATEMENT

#### Dear Sir:

In connection with this matter, the Applicant hereby attaches United States Patent Office Form PTO/SB/08a and copies of the information listed in the enclosed PTO/SB/08a form, unless otherwise indicated on such Form.

The concise explanation, concerning the now submitted foreign language documents, is found either on pages 2, 3, 15, 16 and 25 of the specification of the present application or on the submitted International and British Search Reports (see MPEP § 609).

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully subphitted,

Michael J. Bujeto, Reg. 30. 32,018

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15/589833 IAP11 Rec'd PCT/PTO 17 AUG 2005 PTO/SB/08a (08-03) LAP11 Rec'd PCT/PTO 17 AUG 2005 OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE PTO/SB/08a (08-03)

Date

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#### Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known Application Number INFORMATION DISCLOSURE Filing Date with an effective filing date of February STATEMENT BY APPLICANT 18, 2005 First Named Inventor Norman Matheson LINDSAY (Use as many sheets as necessary) Art Unit **Examiner Name** 3 Sheet Attorney Docket Number **COLGRA P67AUS U.S. PATENT DOCUMENTS** Examiner Cite **Publication Date Document Number** Name of Patentee or Pages, Columns, Lines, Where Initials\* No.1 Number-Kind Code 2 MM-DD-YYYY **Applicant of Cited Document** Relevant Passages or Relevant Figures Appear **A1** US-3,782,730 01/01/1974 **HORCHLER** A2 US-4,006,907 02/08/1977 HEFFLEY, JR. **A3** US-5,029,866 07/09/1991 BEARD, III ET AL. Α4 US-5,056,791 10/15/1991 POILLON ET AL. Α5 US-5,219,161 06/15/1993 WILLIAMS, SR. **A6** US-5,370,389 REISING 12/06/1994 **A7** US-5,471,383 11/28/1995 GOBUSH ET AL. **A8** US-5,474,298 12/12/1995 LINDSAY Α9 US-5,562,285 10/08/1996 ANFINSEN ET AL. A10 US-5,626,531 05/06/1997 LITTLE A11 US-5,935,014 08/10/1999 LINDSAY A12 US-5,984,794 11/16/1999 **MIREMADI** A13 US-6,011,466 01/04/2000 **GOLDMAN** A14 US-6,179,720 01/30/2001 RANKIN ET AL. A15 US-6,322,455 11/27/2001 **HOWEY** A16 US-6,390,934 05/21/2002 WINFIELD ET AL. A17 US-2002/0103035 08/01/2002 LINDSAY A18 US-6,398,670 06/04/2002 ENGELHARDT ET AL. A19 US-2002/0173378 11/21/2002 **TINSMAN** A20 US-2002/0177490 11/28/2002 YONG ET AL.

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PTO/SB/08a (08-03) Approved for use through 07/31/2006: OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known **Application Number** INFORMATION DISCLOSURE with an effective filing date of February 18, 2005 Filing Date STATEMENT BY APPLICANT First Named Inventor Norman Matheson LINDSAY **Art Unit** (Use as many sheets as necessary) **Examiner Name** Sheet 2 **COLGRA P67AUS Attorney Docket Number U.S. PATENT DOCUMENTS** Examiner Cite **Document Number Publication Date** Name of Patentee or Pages, Columns, Lines, Initials\* No.1 Number-Kind Code 2 MM-DD-YYYY Applicant of Cited Document Where Relevant Passages or Relevant Figures Appear A21 US-6,500,073 12/31/2002 **GOBUSH ET AL.** A22 US-2003/0027655 02/06/2003 LUTZ ET AL. A23 US-6,569,028 05/27/2003 NICHOLS ET AL. A24 US-6,607,123 08/19/2003 JOLLIFEE ET AL. A25 US-2004/0023724 02/05/2004 MANWARING ET AL. A26 US-6,712,487 LIOU 03/30/2004 **FOREIGN PATENT DOCUMENTS** Examiner Cite Foreign Patent Document Publication Date Т° Name of Patentee or Pages, Columns, Lines, Initials\* No.1 Country Code 3 No.4 Kind Code 5 MM-DD-YYYY **Applicant of Cited Document** Where Relevant Passages or Relevant Figures Appear В1 FR 2 664 503 07/16/1990 PAUL FT В2 WO 91/01778 02/21/1991 **OSTERRICHISCHES** ВЗ FR 2 682 608 **ROUSSEAU** 10/17/1991 В4 WO 92/01494 02/06/1992 PAULET **B**5 EP 0 529 489 08/19/1992 LOWE **B**6 DE 41 07 717 09/17/1992 **SETZLER** В7 EP 0 554 978 01/18/1993 **ACUSHNET COMPANY** В8 EP 0 599 118 11/05/1993 **ACUSHNET COMPANY** B9 GB 2 267 222 12/01/1993 WALKER B10 EP 0 625 716 05/18/1994 **ACUSHNET COMPANY B11** GB 2 294 403 05/01/1996 LEATHER ET AL. **B12** GB 2 319 834 06/03/1998 SUMITOMO RUBBER B13 GB 2 334 781 09/01/1999 LINDSAY **B14** DE 199 11 375 09/21/2000 HIPP YOSHIO TOSHIHIKO **B15** JP 2002071802 03/12/2002 **B**16 WO 03/104838 12/18/2003 WINTRISS ENGINEERING

> Date Considered

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1589833 1AP11 Rec'd PCT/PTO 17 AUG 2006 PTO/SB/08b (08-03) U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE PTO/SB/08b (08-03)

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449B/PTO Complete if Known **Application Number** Filing Date with an effective filing date of February 18, INFORMATION DISCLOSURE STATEMENT BY APPLICANT First Named Inventor Norman Matheson LINDSAY **Art Unit** (Use as many sheets as necessary) **Examiner Name** Sheet of 3 Attorney Docket Number **COLGRA P67AUS** NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Examiner Cite T² C1 Quintavalla, S.J. 2002 "A generally Applicable Model for the Aerodynamic Behaviour of Golf Balls", In Scitence and Golf IV, ed. E. Thain, P. 346, London: Routledge. (TO FOLLOW) C2 Tierney, D.E. and Coop, R.H. 1999, "A Bivariate Probability Model for Putting Proficiency", Science and Golf III, ed. A.J. Cochran and MoR. Farrally, pp. 387-389, United Kingdom: Human Kinetics (TO FOLLOW) СЗ C4 C5 C6 C7 C8 C9

C10

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Signatures